

AMENDMENTSIn the claims

Please cancel claims 3, 18, 19 and 20, without prejudice.

Please amend claim 1 as follows:

Claim 1 (Twice Amended). A modified enzyme which comprises a catalytically active amino acid sequence derived from a cellulolytic enzyme EGI exhibiting the following properties:

- (a) derived from *Humicola insolens* or *Trichoderma reesei*,
- (b) approximate molecular weight of about 50 kDa,
- (c) iso-electric point of 5.5, and
- (d) containing 415 amino acid;

linked to an amino acid sequence comprising a cellulose binding domain;

wherein said modified enzyme comprises a linking region between said catalytically active amino acid sequence of a cellulolytic enzyme EGI and said amino acid sequence comprising a cellulose binding domain;

further wherein said linking region is an amino acid linking region or non-amino acid linking region; and

further wherein said linking region is selected from the group consisting of: *Humicola insolens* family 45 cellulase linker, Nifa gene of *Klebsiella pneumoniae*-CiP linker, E3 cellulase *Thermomonospora fusca* linker, CenA cellulase linker, nucleophilic polyethylene glycol derivative linker, carboxyl polyethylene glycol derivative linker, electrophilically activated polyethylene glycol derivative linker, sulfhydryl-selective polyethylene glycol derivative linker, hertofunctional polyethylene glycol derivative linker, biotin polyethylene glycol derivative linker, vinyl polyethylene glycol derivative linker, polyethylene glycol silane derivative linker, polyethylene glycol phospholipid derivative linker and mixtures thereof.

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Fax No. (703) 872-9311

Phone No. (703) 305-0178

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C. Brant Cook (Signature)

**FROM: C. Brant Cook, of The Procter and Gamble Company**

Fax No. (513) 634-6108

Phone No. (513) 634-9315

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- 1) Amendment After Final
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Inventor(s): Busch, et al.

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